

Thomas Jefferson Data Summary 6/24 and 6/25/2010

Review Date 6/26/10

Cruise 6/24/2010 (Review Date 6/26/10)

Summary:

This sampling report presents data collected from the Thomas Jefferson for the period of 6/24/2010. CTD graphs for stations sampled during operational period were included with the data provided for this review. No map was available at the time of this review.

Three (3) stations were occupied during this reporting period: TJ67 – TJ69.

All stations were sampled for: TPH, VOAs, CTD fluorometry and dissolved oxygen. No samples were collected for bioassay using the Rototox test. Samples were collected from approximately 3 meters to approximately 1252 meters below water surface.

CTD Fluorometry & Dissolved Oxygen (data collected from 6/24):

None of the three (3) stations showed an increase in fluorometry at any depth. None of the three (3) stations showed significant decrease in dissolved oxygen.

LISST (data collected from 6/24):

No LISST data was provided for this reporting period.

Toxicity Testing (Rototox Assay) (data collected from 6/24)

No samples were collected for Rototox Assay.

Chemical Analyses (TPH and VOCs) (data collected from 6/24)

Sixty-four (64) samples were collected for VOC analysis, including duplicates, and thirty-two (32) samples were collected for TPH analysis. No data were provided for review at this time due to laboratory lag time.

Cruise 6/25/2010 (Reviewed 6/26/2010)

Summary:

This sampling report presents data collected from the Thomas Jefferson for the period of 6/25/2010. CTD graphs for stations sampled during operational period were included with the data provided for this review. No map was available at the time of this review.

Two (2) stations were occupied during this reporting period: TJ70 – TJ71.

Both stations were sampled for: TPH, VOAs, CTD fluorometry and dissolved oxygen. No samples were collected for bioassay using the Rototox test. Samples were collected from approximately 3 meters to approximately 1252 meters below water surface.

CTD Fluorometry & Dissolved Oxygen (data collected from 6/25):

Station TJ71 showed fluorescence spikes from approximately 1060 meters to approximately 1140 meters. TJ71 also showed a slight decrease in dissolved oxygen at approximately 960 meters, unassociated with the fluorescence spike. TJ70 showed no significant data.

LISST (data collected from 6/25):

No LISST data was provided for this reporting period.

Toxicity Testing (Rototox Assay) (data collected from 6/25)

No samples were collected for Rototox Assay.

Chemical Analyses (TPH and VOCs) (data collected from 6/25)

Forty-two (42) samples were collected for VOC analysis, including duplicates, and twenty-one (21) samples were collected for TPH analysis. No data were provided for review at this time due to laboratory lag time.